

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

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**Date/Time:** June 10, 2004

**Site Contact(s):** Dyan Foss  
**Phone:** 303-66-7577

**Regulatory Contact:** David Kruchek  
**Phone:** 303-692-3328

**Agency:** CDPHE

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**Purpose of Contact:** Approval of 881F (B881 plenum) PDS data and clearance for removal of the appurtenance (881F) from the B881 roof

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### Discussion

881F is the plenum for Building 881 that was installed in 1986. The two-stage, HEPA exhaust filter was built on the roof of Building 881, and an exhaust chase was added to the east side to bypass the original single-stage exhaust filters. Due to its configuration, 881F was surveyed for release in two parts: the equipment within the structure was surveyed as equipment using a waste release evaluation (WRE), and the metal shell was surveyed in accordance with the Site-wide Pre-Demolition Survey Report.

The data from the WRE and pre-demolition survey were provided to CDPHE in sections as the surveys were completed. The 881F Pre-Demolition Survey Report was provided to CDPHE informally on June 8, 2004 and clarifications to that report were provided to CDPHE on June 9, 2004.

This contact record is to document that CDPHE has reviewed and approved the data, and 881F, as an integral component of B881, is ready to be mechanically removed from Building 881. CDPHE will be providing a formal approval letter for the 881F PDSR once the PDSR is formally transmitted by DOE.

881F will be removed from the roof of B881 as a component of B881 that meets the unrestricted release criteria and as part of the Facility Disposition RSOP Notification for B881 (CDPHE letter dated May 6, 2004). Removal will be achieved through the use of excavator with attachments that will drag sections of 881F off of the roof for size reduction and disposal. The equipment within the building has already been size reduced manually to expedite the removal process. The metal shell will be weakened after the internal equipment has been removed so the mechanical demolition equipment can fold the metal shell over and off of the roof.

The 881F chase will be demolished to at least three feet below final grade, and the chase will be backfilled with soil. The juncture of the 881F chase and Building 881 has already been blocked

with plywood at Room 144. In addition, any opening from 881F into B881 will be blocked prior to initiating removal including stairwells.

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**Contact Record Prepared By:** Dyan Foss

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